The DX Bulletin

AMERICA'S OLDEST WEEKLY AMATEUR RADIO PUBLICATION

ISSUE 241 JUNE 4, 1984

PROPAGATION: Jun 4,5, High Normal; Jun 6, Low Normal; Jun 7-12, High Normal; Jun 13, Low Normal; Jun 14, High Normal; Jun 15, 16, Low Normal; Jun 17, Below Normal/Disturbed; Jun 18, 19, Low Normal. TNX N4XX.

Flux (81)	Flux (82)	Flux (83)	Date	Flux (84)	Alpha (84)	K (84)
166	147	137	5/24	127	33	3
173	142	135	5/25	124	25	3
169	154	129	5/26	125	15	3
172	171	127	5/27	118	15	2
177	171	130	5/28	117	11	2
166	170	135	5/29	119	9	3
164	139	130	5/30	118	14	3

NEWEST MEMBER OF CQ's DX HALL OF FAME IS ROD NEWKIRK, W9 BRD. The announcement was made in the June issue of CQ Magazine. We think it is more than coincidence that last September, in Issue 208, The DX Bulletin suggested Rod be elected to the Hall of Fame, and we encouraged others to write CQ on the matter.

T3ØAT rumored going to Canton Island, leaves around Jun 1 and to be on the air around Jun 5; mention by VK3FY of a T31 operation sometime in June is not known to be related to the T3ØAT trip.

BY4AA QSLs via VE7BC now coming out, as are March Kermadec cards and recent Aves Island pasteboards. A reminder that the BY4AA QSLs require a big envelope, no matter where they come from...3A2E/3A2F did not show during the CW WPX Contest, according to one local operator who made 1700 QSOs...Rumors of a "5U1LD" operation coming from 3X4EX, not known if he's talking about himself or someone else...FW8AF is showing on the INDXA Net a couple of times a week...there was talk of a special China activity the evening of June 1 (Zulu) for a "children's celebration, too late for advance wanring...late report that ET3PS was on the INDXA Net May 25 but didn't work anybody due to propagation...PLEASE send back your TDXB Countries-Needed Survey sheet! We want to see at least 1500 of them this year. About 200 have come back in the first three days. We may have been off on our guess about BY China, even more of you than we thought still coming up short...XU1SS reportedly back on 20 CW at 1200Z, below 14.025...

CONTRIBUTORS: K7GEX, W3MA, W5ZPA, SM5CAK, K1XM, K1MIZ, KA1BU, KB1BE, W4VQ, AB8K, N4KG, KA1XN, KA3R, K1KI, W7HRD, W4BAA, K6IR, WB1CFP, K4BAI, W6CP, WD5AAM, KM9J, KØCVD, N4NO, KE7X, WØBW, W7YF, KS1Y, KB2HZ, W2LZX, KR1G.

CALENDAR

ETHIOPIA	Need reports on ET3PG/PS; I 238
TRISTAN	ZD9BV 3790 @ 0430Z NOW
S SUDAN	TL8GE/STØ NOW on INDXA Net
USSR	NEW calls in issue 233
SPRATLY	NO Word on 1S2CK yet; I 240
CHATHAM	ZL7AMO ends about Jun 4
SIERRA LEONE	9L1EX rumored by 3X4EX soon
CANTON IS	T31AT rumored soon; this issue
TAIWAN	By JA group this month: I 237
PITCAIRN	VR6KY by WD9GQV Jun 4-18
ENGLAND	GB4-D-Day operation Jun 5-7
CAMBODIA	XU1SS on 20 CW again @ 1200Z
NIGER	Rumored soon; this issue
CONTEST	S Amer CW Jun 9/10
MIDWAY	WH6O/KH4 rumored Jun 16/17
CONTEST	All Asia Phone Jun 16/17
CONTEST	ARRL Field Day Jun 23/24
DEADLINE	SURVEY sheets to us by Jun 30

NETS

ALL THESE gatherings are currently active, some on special summer schedules, and they are where a large percentage of the interesting DX is currently appearing:

JIM SMITH VK9NS NET, 14.220 at 0500Z, mostly on weekends with Pacific and African stations. ZL8AFH/Kermadec has been showing there.

ARABIAN KNIGHTS NET re-started June 1, at 0300Z on 14.250, most nights, featuring African and Indian Ocean stations.

FAMILY HOUR with W7PHO, WBØTEC, etc, meets every day on 14.227 at 1400Z. Main goal is to help West Coast N.A. stations to the East and East Coast N.A. stations with Asia. The 15 Meter net is not running at this time.

BROWN SUGAR NET is laid-back on 14.309 at 0200Z (a new time now), mostly run by K6EDV, with Pacific stations and africa. Best night for DX on this net is Saturday.

"INDXA" NET meets every night except Wed on 14.236 starting around 0030Z. Africans and Indian Ocean stations have been showing up 03-0400Z, often too late for skip. Run by KB7SO, J73AH, and others. Good rumor source.

PACIFIC ISLAND NET, 21.290 Fri and Sat at 2000Z, run by KB7QC and KB7QD.

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IN RESPONSE TO THE KL7Y ARTICLE IN ISSUE 234, PETER FORBES, VK3QI WROTE A COMPUTER PROGRAM FOR DETERMINING THE NUMBER OF DXCC COUNTRIES WITHIN EACH OF FIVE RADIO "HOPS" OF ANY POINT ON EARTH. THE DISTANCE FOR EACH HOP IS 4000 KM, THE "STANDARD" MUF PREDICTION LENGTH USED BY RESEARCHERS. SOMEONE WITH A COMPUTER MIGHT WISH TO ASSIGN POINT VALUES TO THE NUMBER OF DXCC COUNTRIES IN EACH HOP TO ARRIVE AT A RANKING FROM BEST SPOT TO WORST. THE PROGRAM, WRITTEN FOR AN APPLE COMPUTER, IS AVAILABLE FROM PETER FORBES, PO BOX 781, SWAN HILL, VICTORIA AUSTRALIA 3585. PRINTED ON THESE PAGES ARE THE RESULTS FOR THE CAPITAL CITY OF EACH DXCC COUNTRY.

THIS PROGRAM CALCULATES THE NUMBER OF COUNTRIES PER SKIP DISTANCE.

THE SKIP DISTANCE IS 4000 KMS., WHICH IS THE STANDARD MUF PREDICTION VALUE.

*** NOTE THAT DISTANCES ARE CALCULATED FROM THE CAPITAL OF EACH COUNTRY.

PREFIX	COUNTRY	SKIP1	SKIP2	SKIP3	SKIP4	SKIP5
A-K-N-W	USA-WASHINGTON D.C.	51	91	96	70	6
AP	PAKISTAN-KARACHI	47	128	48	84	7
A2	BOTSWANA-KANYE	42	97	110	54	11
A3	TONGA-NUKUALOFA	31	17	69	103	94
A4	OMAN-MUSCAT	59	126	38	87	4
A5	BHUTAN-THIMBU	39	112	85	63	15
A6	UNITED ARAB EMIRATES-DUBAI	62	124	53	70	5
A7	QATAR-DOHA	69	119	51	69	6
A9	BAHRAIN-AL MANAMAH	67	119	53	68	5
BV	TAIWAN-TAIPEI	31	54	126	85	18
BY	CHINA-PEKING	27	90	114	68	15
CE	CHILE-SANTIAGO	15	67	117	83	32
CE0A	EASTER IS.	7	82	50	128	47
CE0X	SAN FELIX IS.	17	60	108	95	34
CE0Z	JUAN FERNANDEZZ	14	61	93	113	33
CM-CO	CUBA-HAVANA	57	54	104	83	16
CN	MOROCCO-CASABLANCA	88	111	61	27	27
CP	BOLIVIA-LA PAZ	47	47	125	63	32
CR9	MACAO	32	70	118	68	26
CT	PORTUGAL-LISBON	91	101	66	33	23
CT2	AZORES IS.-HORTA	68	123	63	43	17
CT3	MADEIRA IS.-FUNCHAL	76	123	54	36	25
CX	URUGUAY-MONTEVIDEO	16	81	122	67	28
C2	NAURU IS.	29	41	42	168	34
C3	ANDORRA-ANDORRA	89	106	69	28	22
C5	THE GAMBIA-BATHURST	44	165	41	33	31
C6	BAHAMA IS.-NASSAU	56	66	101	79	12
C9	MOZAMBIQUE-MAPUTO	43	115	80	67	9
DA-DL	GERMAN F.D.R.-BONN	82	109	76	33	14
DU	PHILIPPINES-MANILLA	33	51	123	61	46
D2-D3	ANGOLA-LUANDA	47	124	89	29	25
D4	CAPE VERDE-PRAIA	44	159	44	38	29
D6	COMOROS-MORONI	41	115	74	74	10
EA	SPAIN-MADRID	91	102	70	28	23
EA6	BALEARIC IS.-PALMA D MALLORCA	96	101	69	24	24
EA8	CANARY IS.(GRAN CANARIA)	72	130	50	35	27
EA9	MELILLA IS.	93	102	69	23	27
EI	IRELAND-DUBLIN	81	105	77	40	11
EL-5L	LIBERIA-MONROVIA	41	167	42	29	35
EP	IRAN-TEHRAN	79	105	66	60	4
ET	ETHIOPIA-ADDIS ABABA	70	116	58	54	16
F	FRANCE-PARIS	82	108	75	33	16
FB8W	CROZET IS.	21	60	137	91	5
FB8X	KERGUELEN IS.	10	63	135	92	14
FB8Z	AMSTERDAM & ST.PAUL IS.	13	75	129	69	28
FC	CORSICA-AJACCIO	91	104	71	27	21
FG	GUADELOUPE-BASSE TERRE	56	86	87	70	15
FH	MAYOTTE IS.	41	111	74	79	9
FK	NEW CALEDONIA-NOUMEA	28	32	46	133	75
FM	MARTINIQUE-FORT DE FRANCE	58	84	90	65	17
FO	FRENCH POLYNESIA (TAHITI)	17	42	75	92	88
FO	CLIPPERTON IS.	22	64	104	91	33
FP	ST.PIERRE & MIQUELON IS.	52	110	82	63	7
FR	GLORIOSO IS.	43	115	65	81	10
FR	JUAN DE NOVA IS.	40	104	88	75	7
FR	REUNION IS.-SAINT DENIS	35	84	109	79	7
FR	TROMELIN IS.	39	95	93	80	7
FS-FG	SAINT MARTIN IS.	57	85	89	68	15
FW	WALLIS & FUTUNA IS.	31	19	69	112	83
FY	FRENCH GUIANA-CAYENNE	52	96	80	60	26
G	ENGLAND-LONDON	81	105	78	38	12
GD	ISLE OF MAN-DOUGLAS	80	103	81	40	10
GI	NORTHERN IRELAND-BELFAST	77	108	79	40	10
GJ-GC	JERSEY-ST.HELIER	81	104	80	34	15
GM	SCOTLAND-GLASCOW	80	103	82	39	10
GU-GC	GUERNSEY-ST.PETER PORT	80	105	81	33	15
GW	WALES-CARDIFF	81	103	79	39	12
HA-HG	HUNGARY-BUDAPEST	90	89	89	30	16
HB	SWITZERLAND-BERN	85	109	72	29	19
HB0	LIECHTENSTEIN-VADUZ	86	107	71	33	17
HC	ECUADOR-QUITO	56	36	117	78	27
HC8	GALAPAGOS IS.	52	31	118	84	29
HH	HAITI-PORT AU PRINCE	56	68	96	81	13
HI	DOMINICAN REP.-SANTO DOMINGO	56	72	96	76	14
HK	COLOMBIA-BOGOTA	54	44	117	74	25
HK0	MALPELO IS.	54	34	119	82	25
HK0	SAN ANDRES & PROVIDENCIA IS.	55	40	116	82	21
HL-HM	KOREA-SEOUL	24	74	116	84	16
HP	PANAMA-PANAMA CITY	55	35	120	80	24
HR	HONDURAS-TEGUCIGALPA	55	33	120	85	21
HS	THAILAND-BANGKOK	31	83	112	35	53
HV	VATICAN CITY	90	102	73	28	21
HZ-7Z	SAUDI ARABIA-RIYADH	72	117	55	63	7
H4	SOLOMON IS.	30	36	39	171	38
I-IT	ITALY-ROME	90	102	73	28	21
IS	SARDINIA-CAGLIARI	94	101	70	28	21
JA-JS-KA	JAPAN-TOKYO	17	69	120	91	17
JD	MINAMI TORISHIMA	19	56	110	114	15
JD	OGASAWARA	21	59	120	97	17
JT	MONGOLIA-ULAN BATOR	23	116	99	62	14
JW	SVALBARD IS.	48	107	115	39	5
JX	JAN MAYEN IS.	64	112	91	43	4
JY	JORDAN-AMMAN	93	88	72	48	13
J2	DJIBOUTI-DJIBOUTI	66	122	56	58	12
J3	GRENADA-ST.GEORGES'S	58	81	92	63	20
J5	GUINEA BISSAU-BISSAU	45	164	41	32	32
J6	ST.LUCIA-CASTRIES	58	84	90	64	18
J7	DOMINICA-ROSEAU	59	83	88	68	16
J8	ST.VINCENT-KINGSTON	58	83	90	64	19
KB-KH1	BAKER-HOWLAND-PHOENIX IS.	30	26	66	145	47
KC4-KP1	NAVASSA IS	58	57	100	84	15
KC6	EAST CAROLINE IS.	26	50	75	131	32
KC6	WEST CAROLINE IS.	30	51	88	102	43
KG4	GUANTANAMO BAY (CUBA)	57	60	102	82	13
KG6R-KH0	MARIANA IS.	23	56	102	113	20
KG6-KH2	GUAM	25	55	82	128	24
KH6	HAWAII-HONOLULU	13	49	112	95	45
KH7	KURE IS.	17	42	136	91	28
KJ-KH3	JOHNSON IS.	18	36	106	108	44
KL7-AL7	ALASKA-ANCHORAGE	1	98	145	58	12
KM-KH4	MIDWAY IS.	16	44	132	92	30
KP4	DESECHEO IS.	57	43	113	83	18
KP4	PUERTO RICO-SAN JUAN	56	82	91	70	15
KP6-KH5	PALMYRA IS.	23	31	91	119	50
KP6-KH5K	KINGMAN REEF	23	31	91	119	50
KS6-KH8	AMERICAN SAMOA-PAGO-PAGO	30	19	72	110	83
KV4-KP2	VIRGIN IS.-CHARLOTTE AMALIE	56	84	88	71	15
KW6-KH9	WAKE IS.	25	45	84	129	31
KX6	MARSHALL IS.(KWAJALEIN)	31	36	66	146	35
LA-LJ	NORWAY-OSLO	83	95	87	42	7
LU	ARGENTINA-BUENOS AIRES	15	80	121	70	28
LX	LUXEMBOURG-LUXEMBOURG	83	110	73	33	15
LZ	BULGARIA-SOFIA	96	82	88	32	16
OA	PERU-LIMA	55	34	120	76	29
OD	LEBANON-BEIRUT	97	85	73	46	13
OE	AUSTRIA-VIENNA	87	96	84	31	16
OH	FINLAND-HELSINKI	84	80	101	43	6
OH0	ALAND IS.	82	84	99	44	5
OJ0	MARKET REEF	74	116	72	43	9
OK-OL	CZECHOSLOVAKIA-PRAGUE	84	100	82	32	16
ON	BELGIUM-BRUSSELS	81	108	76	36	13
OX	GREENLAND-GODTHAB	40	128	90	50	6
OY	FAEROS IS.-TORSHAVN	74	108	84	39	9
OZ	DENMARK-COPENHAGEN	84	95	87	37	11
PA-PI	NETHERLANDS-AMSTERDAM	81	106	80	35	12
PJ	CURACAO IS.-WILLEMSTAD	56	65	98	76	19
PJ	SINT-MAARTEN IS.	57	85	89	68	15
PP-PY	BRAZIL-BRASILIA	29	88	116	54	27
PY0	FERNANDO DE NORONHA IS.	29	147	65	50	23
PY0	TRINDADE & MARTIM VAZ IS.	19	115	103	56	21
PY0	ST.PETER & ST.PAUL ROCKS	37	154	50	47	26
PZ	SURINAM-PARAMARIBO	54	91	85	60	24
P2	PAPUA NEW GUINEA-PORT MORESBY	24	50	51	142	47
SJ-SM	SWEDEN-STOCKHOLM	84	88	93	44	5
SP	POLAND-WARSAW	72	119	67	46	10
ST	SUDAN-KHARTOUM	83	98	71	46	16
ST0	SOUTH SUDAN-JUBA	68	110	70	48	18
SU	EGYPT-CAIRO	101	78	83	36	16
SV	GREECE-ATHENS	97	82	85	33	17
SV	CRETE-IRAKLION	100	77	87	32	18
SV5	DODECANESE IS.(RHODES)	97	80	87	35	15
SV	MOUNT ATHOS	99	80	87	32	16
S2	BANGLADESH-DACCA	39	103	94	61	17
S7	SEYCHELLES IS.	41	125	57	82	9
S9	SAO TOME & PRINCIPE	45	140	76	23	30
TA-TC	TURKEY-ANKARA	94	86	81	40	13
TF	ICELAND-REYKJAVIK	70	112	84	41	7
TG	GUATEMALA-GUATEMALA CITY	53	36	119	83	23
TI	COSTA RICA-SAN JOSE	54	36	120	82	23
TI9	COCOS IS.	54	32	121	81	26
TJ	CAMEROON-YAOUNDE	59	113	91	22	29
TL	CENT.AFRICAN REPUBLIC-BANGUI	64	109	89	28	24
TN	CONGO-BRAZZAVILLE	51	118	93	26	26
TR	GABON-LIBREVILLE	49	130	82	24	29
TT	CHAD-FORT LAMY	86	91	87	22	28
TU	IVORY COAST-ABIDJAN	46	152	57	24	35
TY	BENIN-PORTO NOVO	55	142	63	20	34
TZ	MALI-BAMAKO	52	155	48	27	32
T2	TUVALU	35	24	57	152	46
T30	W KIRIBATI (GILBERT IS.)	35	24	57	155	43
T31	C KIRIBATI (PHOENIX IS.)	31	22	73	134	54
T32	E KIRIBATI (LINE IS.)	24	32	85	115	58
T7-M1	SAN MARINO	90	101	76	26	21
UA1-6	EUROPEAN USSR-MOSCOW	89	83	92	45	5
UA1	FRANZ-JOSEPH LAND	36	99	135	39	5
UA2	KALINGRAD	89	83	92	45	5
UA9-0	ASIATIC USSR-IRKUTZ	22	118	100	62	12
UB5	UKRANIAN SSR-KIEV	91	86	86	42	9
UC2	WHITE RUSSIAN SSR-MINSK	88	84	94	41	7
UD6	AZERBAIDZHAN SSR-BAKU	80	103	68	59	4
UF6	GEORGIAN SSR-TBILISI	86	96	73	54	5
UG6	ARMENIAN SSR-YEREVAN	84	100	69	56	5
UH8	TURKMEN SSR-ASHKHABAD	68	115	63	64	4
UI8	UZBEK SSR-TASKENT	58	117	63	70	6
UJ8	TADZHIK SSR-DUSHANBE	55	120	53	81	5
UL7	KAZAKH SSR-KARAGANDA	52	108	94	52	8
UM8	KIRGHIZ SSR-FRUNZE	46	122	63	76	7
UO5	MOLDAVIAN SSR-KISHINEV	92	86	86	40	10
UP2	LITHUANIAN SSR-VILNIUS	87	82	98	39	8
UQ2	LATVIAN SSR-RIGA	85	79	103	41	6
UR2	ESTONIAN SSR-TALLINN	84	79	103	42	6
VE1	SABLE IS.	47	113	81	65	8
VE1	ST.PAUL IS.	48	111	84	64	7
VE	CANADA-OTTAWA	47	94	99	66	8
VK	AUSTRALIA-CANBERRA	17	49	59	113	76
VK9L	LORD HOWE IS.	24	38	53	130	69
VK9Z	MELLISH REEF	28	40	43	161	42
VK9N	NORFOLK ISLAND.	28	29	50	129	78
VK9X	CHRISTMAS IS.	20	77	113	49	55
VK9Y	COCOS (KEELING) IS.	22	80	120	37	55
VK9Z	WILLIS IS.	25	46	50	143	50
VK0	HEARD IS.	8	64	117	112	13
VK0	MACQUARIE IS.	9	45	69	119	72
VP2E	ANGUILLA-CROCUS HILL	56	86	89	68	15
VP2K	ST.KITTS-NEVIS	56	87	86	70	15
VP2M	MONTSERRAT-PLYMOUTH	56	80	91	72	15
VP2V	BRITISH VIRGIN IS.-ROADTOWN	56	85	87	71	15
VP5	TURKS IS.-GRAND TURK	55	77	93	79	10
VP8	FALKLAND IS.-STANLEY	11	62	110	115	16
VP8 LU-Z	SOUTH GEORGIA IS.	12	62	131	100	9
VP8 LU-Z	SOUTH ORKNEY IS.	10	37	135	122	10
VP8 LU-Z	SOUTH SANDWICH IS.	9	63	138	93	11
VP8 LU-Z	SOUTH SHETLAND IS.	10	34	134	127	9
VP9	BERMUDA IS.-HAMILTON	55	100	81	69	9
VQ9	CHAGOS IS.-DIEGO GARCIA	37	93	98	62	24
VR6	PITCAIRN IS.	11	57	61	103	82
VS6	HONG KONG-VICTORIA	31	69	118	69	27
VU	INDIA-CALCUTTA	40	103	93	61	17
VU7	ANDAMAN IS.-PORT BLAIR	33	91	109	43	38
VU7	LACCADIVE IS.-KAVARATTI	44	124	59	67	20
V2	ANTIGUA-SAINT JOHNS	60	83	89	65	17
V3	BELIZE-BELIZE CITY	54	37	122	79	22
V8	BRUNEI	30	62	118	48	56
XE-XF	MEXICO-MEXICO CITY	44	40	122	83	25
XF4	REVILLA GIGEDO IS.	22	63	119	83	27
XT	VOLTAIC REPUBLIC-OUAGADOUGOU	65	136	57	23	33
XU	CAMBODIA-PHNOM PENH	28	75	120	36	55
XV	VIETNAM-HANOI	35	77	114	59	29
XW	LAOS-VIENTIANE	33	80	113	55	33
XZ	BURMA-RANGOON	36	85	114	52	27
YA	AFGHANISTAN-KABUL	52	123	50	84	5
YB-YD	INDONESIA-JAKARTA	24	75	115	44	56
YI	IRAQ-BAGHDAD	84	101	63	59	7
YJ	NEW HEBRIDES-VILA	30	31	49	148	56
YK	SYRIA-DAMASCUS	94	88	71	48	13
YN	NICARAGUA-MANAGUA	55	34	116	84	23
YO	ROMANIA-BUCHAREST	95	84	86	34	15
YS	EL SALVADOR-SAN SALVADOR	55	39	119	81	20
YU	YUGOSLAVIA-BELGRADE	91	82	92	32	17
YV	VENEZUELA-CARACAS	55	68	99	73	19
YV0	AVES IS.	58	79	92	65	20
Y2-9	GERMAN P.D.R.-BERLIN	83	103	82	34	12
ZA	ALBANIA-TIRANA	90	86	91	29	18
ZB2	GIBRALTAR	92	102	68	27	25
ZD7	ST.HELENA IS.	38	135	76	37	28
ZD8	ASCENSION IS.	34	160	51	38	31
ZD9	TRISTAN DA CUNHA IS.	14	88	141	57	14
ZF	CAYMAN IS.-GEORGETOWN	57	48	108	85	16
ZK1	COOK IS.(RAROTONGA)	25	23	91	72	103
ZK1	MANAHIKI IS.	25	25	91	88	85
ZK2	NIUE IS.-ALOFI	28	21	87	89	89
ZL	NEW ZEALAND-AUCKLAND	25	29	65	104	91
ZL7	CHATHAM IS.	20	31	70	104	89
ZL8	KERMADEC IS.	29	17	70	102	96
ZL9	AUCKLAND & CAMPBELL IS.	12	41	71	116	74
ZM7-ZK3	TOKELAU IS.	32	21	61	136	64
ZP	PARAGUAY-ASUNCION	18	84	127	54	31
ZR-ZS	SOUTH AFRICA-CAPETOWN	28	77	145	54	10
ZS2	PRINCE EDWARD & MARION IS.	23	60	145	80	6
ZR3-ZS3	NAMIBIA-WINDHOEK	42	96	121	39	16
Z2	ZIMBABWE-SALISBURY	46	101	97	57	13
1A	S.M.O.M.	90	102	73	28	21
1S	SPRATLY IS.	30	62	127	40	55
3A	MONACO	86	107	74	26	21
3B6	AGALEGA IS.	40	109	76	82	7
3B8	MAURITIUS IS.-PORT LOUIS	38	84	106	77	9
3B9	RODRIGUEZ IS.	30	83	116	70	15
3C	EQUATORIAL GUINEA-BATA	52	127	82	24	29
3C0	ANNOBON IS.	47	139	72	26	30
3D2	FIJI IS.-SUVA	32	22	60	121	79
3D6	SWAZILAND-MBABANE	40	84	117	64	9
3V	TUNISIA-TUNIS	100	96	70	23	25
3X	GUINEA-CONAKRY	44	166	40	29	35
3Y	BOUVET IS.	13	66	157	73	5
4S	SRI LANKA-COLOMBO	38	104	87	59	26
4U	UNITED NATIONS-GENEVA	86	109	72	28	19
4U1UN	UNITED NATIONS-NEW YORK	48	97	91	71	7
4W	YEMEN-SANCA	67	119	56	61	11
4X-4Z	ISRAEL-TEL AVIV	99	83	74	44	14
5A	LIBYA-TRIPOLI	110	87	69	23	25
5B-ZC	CYPRUS-NICOSIA	96	85	76	44	13
5H3	TANZANIA-DAR ES SALAAM	50	126	67	57	14
5N	NIGERIA-LAGOS	56	141	63	21	33
5R	MALAGASY REPUBLIC-TANANARIVE	40	95	92	79	8
5T	MAURITANIA-NOUAKCHOTT	58	147	46	34	29
5U	NIGER-NIAMEY	71	127	65	20	31
5V	TOGO-LOME	50	146	60	24	34
5W	WESTERN SAMOA-APIA	32	27	52	147	56
5X	UGANDA-KAMPALA	61	115	72	50	16
5Z	KENYA-NAIROBI	57	120	66	55	16
6O	SOMALI REPUBLIC-MOGADISHU	58	123	56	64	13
6W	SENEGAL-DAKAR	42	165	43	33	31
6Y	JAMAICA-KINGSTON	58	53	104	83	16
7O	SOUTH YEMEN-ADEN	66	121	53	63	11
7P	LESOTHO-MASERU	38	74	130	64	8
7Q	MALAWI-BLANTYRE	46	113	82	59	14
7X	ALGERIA-ALGIERS	98	101	68	20	27
8P	BARBADOS IS.-BRIDGETOWN	59	84	90	61	20
8Q-VS9M	MALDIVE IS.-MALE	45	109	74	65	21
8R	GUYANA-GEORGETOWN	54	86	90	59	25
9G	GHANA-ACCRA	50	148	59	23	34
9H	MALTA-VALLETTA	107	84	72	29	22
9J	ZAMBIA-LUSAKA	49	105	92	54	14
9K	KUWAIT-AL+KUWAIT	71	116	57	64	6
9L	SIERRA LEONE-FREETOWN	43	167	40	29	35
9M2-4	WEST MALAYSIA-KUALA LUMPUR	27	77	119	36	55
9M6-8	EAST MALAYSIA-KUCHING	26	71	118	42	57
9N	NEPAL-KATMANDU	42	111	80	67	14
9Q	ZAIRE-KINSHASA	51	118	93	26	26
9U	BURUNDI-BUJUMBURA	53	117	77	45	19
9V	SINGAPORE	27	73	122	36	56
9X	RWANDA-KIGALI	59	116	75	46	18
9Y	TRINIDAD&TOBAGO-PORT OF SPAIN	58	84	90	59	23
**	ABU AIL & JABAL ET TAIR	67	121	57	57	12

BANDPASS: Call/Frequency/UTC (plus West, Mountain, Central, East Coast report)/Date

A35JL 14177 04C 26
A4XKD 14191 01E 17
A71AD 7045 02E 28
A92DQ 14174 21E 19
A92DY 21282 18E 28
BV2B 14227 14W 21
BV2B 14227 15W 24
BV2B 14216 13W 25
CEØFQV 14217 06W 21
(Easter)
CO2KG 7006 04M 24
CM2HR 7009 06W 25
CT2AK 14194 02W 20
C21BD 14210 12C 21
DU7XX 7010 12M 21
K1BAZ/
DU1 7007 13W 22
DU9RG 14197 13C 22
KK7K/
DU2 14023 13W 24
K2BTY/
DU7 14227 14W 24
DU6HM 7008 12W 24
KF6ME/
DU2 14026 12W 25
WB5LBJ/
DU6 14220 06W 26
EA6EJ 14031 00E 25
EA8FE 14033 03W 18
EA9NW 14325 04E 19
EA9LZ 14207 04E 19
EA9KN 14221 03W 20
EC9ID 21010 21E 20
EA9CE 21020 17E 26
FB8WK 14023 12C 20
F5RV/
TK 14197 04W 20
(Corsica)
FK8DK 7005 07W 24
FK8DK 14017 06W 25
FO8EW 21018 21E 20
FO8JC 21021 22E 20
FO8KP 7007 04C 27
FO8KP 7006 04C 25
FR7CA 14114 12E 17
(CW)
FR7ZD 14175 03E 19
FR7CY 14206 03W 20
FR7ZD 14226 04W 22
FW8AF 14236 04E 19
FW8AF 14236 04C 26
HKØHEU 14195 23W 19
HKØHEU 14193 14W 20
HKØHEU 14193 12C 23
HKØHEU 14236 03W 25
HKØHEU 14220 06W 26
HLØCBD 14035 12E 24
HL9JT 14226 15W 26
HR1RC 14021 02E 21
HZ1HZ 21005 21E 20
HZ1AB 14223 02W 25
HZ1HZ 14003 00E 26
H44IA 14208 13W 24
H44IA 14208 12C 24
H44IA 14208 13C 26
ISØMVE 14018 21E 22
JT1BS 14020 15C 19
JTØDJT 14034 23E 19
JT1BR 14030 22E 23
JT1AO 14227 14W 24
JW5VAA 14189 02W 20
J28EB 14236 03E 19
J28EB 14236 03W 25
AH2AN 14212 13W 24
KD7P/
NH2 14028 14E 26
N6JKS/
KH2 14205 11C 26
KH2BB 14243 13W 26
KC6HA 14227 15W 26
N2EDQ/
KH7 14236 03W 25
W7BRK/
KH8 14310 03C 23
AH8A 14310 04C 26
VE7LB/
KH8 14225 04C 26
AH9AB 14310 05W 25
AH9AB 14310 05W 26
KS6CQ 14309 05W 20
KX6DS 14209 05W 22
KX6OI 14217 12C 23
KX6OI 14208 12W 24
KX6DS 14210 04W 25
KX6DS 14210 05W 26
OD5SH 14226 05W 22
OD5LX 14026 02E 22
OHØAM 14219 21E 19
OX3UD 14017 02E 21
PJ2ME 14019 02E 23
PZ1DV 14006 02E 21
P29GB 14196 12W 24
P29JP 14176 12C 24
P29ZL 14227 14W 24
P29TB 14190 13C 26
P29ZL 14186 13C 26
TL8GE/
STØ 14235 04W 24
SVØAH 21028 18C 19
WQ4W/
SV1 14014 23E 19
SV5TS 21292 20E 28
KAØCYR/
SV9 14028 23C 22
KAØCYR/
SV9 14028 01E 23
S79SM 21034 21E 20
S79SM 14026 21M 23
TA1JL 14029 04W 20
TA1JH 14024 22E 21
TA1MN 14039 23E 24
TA1MN 14040 00E 28
KD5YG/
TF 14236 00W 20
TG9VT 14235 05W 26
TR8JLD 14194 06W 21
TR8CR 14220 07W 26
T2ADE 14310 05W 26
T3ØAT 14308 05W 21
T32AF 14194 05W 21
T32DB 14001 01E 25
T77C 14025 22E 19
UW3HY/1 14024 22E 15
UW3HY/1 14024 21E 22
UW3HY/1 14024 04E 25
UW3HY/1 14152 00E 28
UW3HY/1 3509 22E 27
(A sked with Europeans, not heard W1)
UF6CX 14013 23E 19
UF6FCO 14018 02E 23
UD6DJT 14034 00E 25
UF6FU 14008 02E 25
UF6FFF 14033 02E 26
UF7FWW 14035 03E 24
UL7PBN 14027 01E 25
UI8ADQ 14009 02E 23
RL8YL 14020 03E 25
UI8AAO 14011 02E 25
VE1AWS/1 14014 23E 24
(Sable)
VE1AWS/1 14013 01C 25
VK9NS 14220 05W 22
VK9NL 7008 12W 24
VK9NS 14220 06W 26
VK9NV 21370 02E 28
VP2EC 21021 14E 26
VP9LF 14040 02E 23
VQ9AC 21025 22E 15
VR6KY 14188 03W 20
V85GA 14200 13W 24
(Brunei)
V85HG 14227 13W 26
VS6DO 14186 14W 20
VS6CT 14177 14W 23
VS6HI 14020 13C 25
VU2AJ 14019 02E 23
XU1SS 14007 12C 25
YBØAFA 14022 12W 18
YB4FN 7005 13W 22
YB4FN 14027 13W 25
YBØARA 7009 11W 25
YI1BGD 21341 20E 18
YJ8TT 14310 04C 22
YJ8GX 14236 05W 26
YJ8RG 14220 07W 26
YN1JCC 14021 13E 20
ZD8RC 14227 00C 26
ZD9BV 21265 17C 24
ZF1LA 7003 06W 21
ZF2HX 7002 03M 22
ZK1DA 14187 05W 22
ZK1CG 14310 03C 23
ZK1CG 14310 03C 26
ZK2IK 14335 04W 22
ZK2RS 14205 04W 25
ZL7AMO 14030 03M 22
ZL7AMO 7004 12W 22
ZL7AMO 14028 03C 23
ZL7AMO 3503 13M 23
ZL7AMO 7007 12W 24
ZL7AMO 14309 04W 25
ZL7AMO 7003 11W 25
ZL8AFH 28520 01E 22
ZL8AFH 14220 05C 22
Z21AO 14196 14W 24
3D6AJ 14218 14W 20
3D6AA 14225 13W 21
3D6AJ 14165 14W 26
3D6AN 14180 14W 26
3X4EX 21335 20E 18
3X4EX 14236 03C 22
3X4EX 14236 03W 25
OH9TH/
4U 14033 03E 24
(Lebanon)
5H3SG 14260 19E 19
5T5RY 14193 01C 25
5T5RY 14193 02W 25
5T5RY 14236 04W 25
5W1AT 14310 04C 23
5Z4JD 14233 03W 20
5Z4MX 14030 04C 26
5Z4DR 14026 21E 20
6Y5JH 14009 22E 20
7P8BU 14180 13W 21
8Q7AV 14188 01C 25
9M2HB 14226 14W 26
9V1UU 14213 15W 19
9V1VZ 14050 14M 20
9V1UD 14205 14W 20
9V1VA 14021 13C 25
9V1VM 14227 15W 26

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